

Kitsunemen

by Arya Akhavan and Willie Klaja (March 2013)

Angles for R.I. = 1.930

21 + 5 girdles = 26 facets

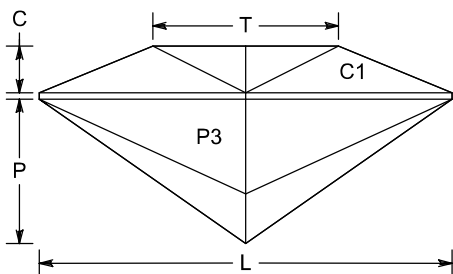
1-fold, mirror-image symmetry

96 index

$L/W = 1.766$ $T/W = 0.795$ $U/W = 0.162$

$P/W = 0.616$ $C/W = 0.199$

$Vol./W^3 = 0.394$



PAVILION

P1	40.00°	15-33-63-81	Cut to centerpoint.
P2	62.37°	48	Meet at culet.
G1	90.00°	10-38-58-86	Set stone size.
P3	66.22°	10-38-58-86	Level girdle.
G2	90.00°	48	Meet P2, G1, P3

CROWN

C1	40.04°	10-38-58-86	Set girdle width.
C2	34.72°	48	Level girdle.
C3	26.65°	43-53	Meet G1, G2, C1, C2
C4	20.01°	02-94	Meet G1, C1
C5	22.28°	24-72	Meet G1, C1; C1, C3, C4
T	0.00°	Table	Meet C1, C3, C4, C5

This oddly-shaped zircon preform has stumped me for months, but this most recent iteration looked good. Willie Klaja, master of Bryce renderings, helped me tweak the crown to get more performance out of it. Because of the unusual reflection pattern and light return, I would only recommend this design if you have rough that fits it perfectly. The crown looks a bit like a Japanese fox mask, hence the name (Japanese for "fox mask").

C:\Users\ARYADE~1\Pictures\DESIGN~1\WORKSI~1\Done\4KITSU~1.GEM